

***Penstemon thompsoniae* (A. Gray) Rydberg ssp. *jaegeri* Keck      JAEGER BEARDTONGUE**

**FAMILY:** *Scrophulariaceae*, the figwort family.

**STATUS:** **Heritage Program SENSITIVE LIST, ranks: G4 T2 S2**

**USFWS/ESA:** none. **STATE OF NEVADA:** none. **BLM:** none. **USFS:** none. **NNNPS:** watch list.

**POPULATION CENSUS:** **24 occurrences mapped** at 1.0 km (0.6 mi) separation, OR **27 occurrences mapped** at 0.16 km (0.1 mi) separation; total estimated **individuals unknown**, total estimated **area unknown**. **TREND:** unknown.

**IMPACTS AND MAJOR THREATS:** No summary available (see references).

**INVENTORY EFFORT:** Most recent entered survey 1998, average year of last survey 1967.

**Years since last entered survey** (percent of mapped records at various survey ages): **0-5 yrs:** 3.7%; **6-10 yrs:** 22.2%; **21-30 yrs:** 29.6%; **31-50 yrs:** 11.1%; **51+ yrs or unknown:** 33.3%.

**LAND MANAGEMENT** in decreasing predominance: U. S. Fish and Wildlife Service, Humboldt-Toiyabe National Forest, designated wilderness, U. S. Bureau of Land Management, private lands, Nevada state lands (?).

**RANGE:** Clark County, Nevada. Spring Mountains, east to the Sheep Range, in southern Nevada (Nachlinger, 1998). **Nevada endemic.** Maximum **range dimension 80.8 km (50.2 mi)** excluding most disjunct record.

**ELEVATIONS RECORDED:** 5577-11060 feet (1700-3371 meters).

**HABITAT:** Gravelly limestone soils on knolls and slopes, in drainages, and under conifers, from the pinyon-juniper to the subalpine conifer zones, with *Pinus* spp., *Juniperus osteosperma*, *Artemisia* spp., *Cercocarpus*, *Phlox condensata*, *Lesquerella hitchcockii*, *Townsendia jonesii* var. *tumulosa*, *Erigeron clokeyi*, *Salvia dorrii*, etc.

**PHENOLOGY:** flowering late-spring to summer, from end of May to August. Range of most frequent **survey months:** May-July.

**LIFE-FORM AND HABIT:** matted semi-woody perennial herb.

**DESCRIPTION:** not available (see references).

**PHOTOGRAPHS:** Nevada Natural Heritage Program files.

**ILLUSTRATIONS:** Mozingo and Williams (1980).

**OTHER GENERAL REFERENCES** (listed separately): Ackerman (1981), Clokey (1951), Nachlinger (1994), Niles et al. (1998).

**OF FURTHER INTEREST:** Few stems, prostrate to ascending from woody caudex, forming low mats. Corolla Blue-Violet, 12-14 mm long.

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